Artificial Intelligence-Based Applications in Medical Imaging

Guest Editors:

Dr. Steven Su
FEIT, UTS, 15 Broadway,
University of Technology Sydney,
Ultimo, NSW 2007, Australia

Dr. Qian Peter Su
School of Biomedical
Engineering, Faculty of
Engineering and IT, University of
Technology Sydney (UTS),
Ultimo, NSW 2007, Australia

Dr. Ahmadreza Argha
Graduate School of Biomedical
Engineering, University of New
South Wales (UNSW), Sydney,
NSW 2052, Australia

Deadline for manuscript
submissions:
closed (15 April 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue will focus on AI-based solutions and applications developed to meet the challenges of medical image processing, analysis and classification.

We welcome submissions of original research articles, case studies, and critical reviews on a wide range of topics including, but not limited to:

2D/3D/4D image segmentation using deep learning;

Artificial Intelligence solutions for the analysis of X-ray images;

AI-based detection and classification of knee diseases;

Biometric recognition system using deep learning;

AI-based reconstruction, segmentation, registration, and classification of MRI images;

Artificial Intelligence in lung tumor/cancer imaging diagnoses;

AI applications in molecular imaging and nuclear medicine;

AI models for imaging diagnosis;

AI-aided diagnosis for liver tumors in ultrasonography;

Breast imaging studies using Artificial Intelligence;

AI-based automated detection of particles in 2D and 3D images.

Special Issue

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

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